

## Rail Height Adjustment for Ezy-Guard<sup>®</sup>

AN ADVANCED ENGINEERING SOLUTION  
FROM INGAL CIVIL PRODUCTS

**The Ezy-Lift<sup>®</sup> Carriage is an innovative height adjustment carriage to ensure a compliant barrier height after the road has been overlaid.**

### *How it Works*

For existing Ezy-Guard installations where the road surface has been overlaid or resurfaced, resulting in the barrier height being outside of the installation tolerance, the Ezy-Lift carriage is available to bring the W-Beam back to the appropriate height.

The carriage gives the option to lift the W-Beam by +50, +100, +150 and +180mm.

There is no need to reinstall new road safety barriers after resurfacing, meaning a cost effective solution with minimal road closure time. The Ezy-Lift Carriage can be easily retrofitted in the field and uses the same reliable and proven technology of the Ezy-Guard 4 road safety barrier, maintaining your MASH TL-3 and NCHRP-350 TL4 containment levels.



### Features & Benefits

- Fully tested & compliant system for peace of mind
- Compatible with MASH TL3 Ezy-Guard 4
- Uses same easy-to-install system as the reliable and proven Ezy-Guard 4
- Option to lift the W-Beam by +50, +100, +150 and +180mm
- Retrofit to existing barriers after resurfacing
- No need to reinstall new road safety barriers
- Consistent high performance

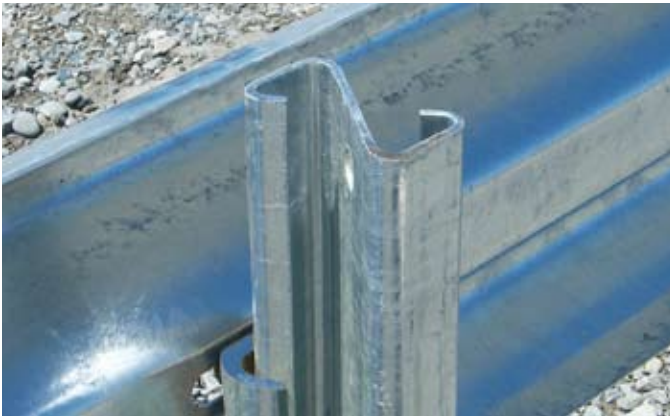
## Roadside Safety Barrier

THE GOLD STANDARD  
IN ROADSIDE SAFETY BARRIERS

Providing superior design, rapid installation, superior motorist safety and more metres of barrier for your dollar.

### Consideration for Vulnerable Road Users

The supporting Z-posts contain smooth, rounded post edges and corners. In addition, the revolutionary design of Ezy-Guard 4 shields the top of the support Z-posts by positioning the top of the rail above the posts. This eliminates a dangerous snag point and is a significant safety benefit compared to existing safety barrier designs.



### Features & Benefits

- **Safer:** Fully compliant to MASH TL3 and NCHRP-350 TL4
- **High Performance:** Demonstrated containment and re-direction of 2270kg pick-up truck travelling at 100km/h
- **Fewer Parts:** No blocking pieces or rail stiffener plates
- **Rapid Installation:** Fewer components facilitate rapid installation. Z-post embedment depth is just 880mm
- **Cost Savings:** Fewer components to purchase, savings on freight costs and faster to install
- **Narrow Width:** A system of just 200mm conserves valuable formation width

Ezy-Guard 4 Z-Post Length	1,650mm
Ezy-Guard 4 Z-Post Mass	12.3kg
Ezy-Guard 4 System Mass	18.6kg per metre
Rail Height Above Ground	790mm
Z-Post Height Above Ground	780mm
Post Spacing:	1,905mm
Ezy-Guard 4 System Width:	200mm
MASH TL3 Crash Test Deflection:	1.65m